

# WEIGHT AND BALANCE REPORT

1990 EUROCOPTER AS 350 BA, S/N: 2335

Registration: N929WB

Date: April 23, 2015

## General Information

The following documentation was used to compile, calculate and produce this report.

- a) Eurocopter AS 350BA Flight Manual, Code B, FAA Approved, Section 6
- b) Eurocopter AS 350 Maintenance Manuals, Section 08.00.00.301, 601, 603
- c) FAA FAR AC43:13-1B, Acceptable Methods Techniques and Practices, Revision September 8, 98

Aircraft Information: Eurocopter AS 350 BA

Lateral Datum Line: Aircraft Centerline

Forward CG Limit: 125.3" @ 4630 lbs

Gross Weight: 4630 lbs

Longitudinal Datum Line: 133.8" fwd of mast centerline

Aft CG Limit: 135.5" @ 4630 lbs

Lateral CG Limit: -7.08 / +5.51"

## Certification & Equipment:

Weighing Location: Stoney Creek, Ontario

Weighing Equipment: NTEP Model TR-1-NK s/n T0304018

with AM cells s/n's: T19286, T19291 & T19293

Calibration Due: 01-May-15

Completed By: Matt Trahearn

	EMPTY	PARTIAL	FULL
Fuel	X		
Engine Oil			X
MGB Oil			X
TGB Oil			X
HYD Oil			X

The maintenance described above has been performed in accordance with the applicable requirements of airworthiness.

Signature



Stamp

APR 23 2015

Date

# WEIGHT AND BALANCE EQUIPMENT LIST

Eurocopter AS350BA 1990  
N929WB  
Serial Number 2335

## EQUIPMENT LIST- AS AMENDED

*Vertical Bar Indicates Changes*

ADDITIONAL EQUIPMENT: MODS, STC's	P/N / DATA <i>if applicable</i>	Serial No. <i>if applicable</i>	Out	In	Weight (lbs)	Longitudinal	
						Arm"	Moment
Heli-Lynx 350FX Electrical Installation	SR03545NY	A/C 2335		X	included	as	weighed
Heli-Lynx 350FX Avionics Harness	SR03545NY	A/C 2335		X	included	as	weighed
Heli-Lynx FX Caution/Warning Panel	SR02937NY	A/C 2335		X	included	as	weighed
AHCA High Visibility Cabin Door Windows	350A07-0565-72	A/C 2335		X	included	as	weighed
AHCA Cabin Heat & Demist	Standard AHCA	A/C 2335		X	included	as	weighed
AHCA High Skig Gear and Crosstubes	Standard AHCA	A/C 2335		X	included	as	weighed
Interior, Custom Coverings, Tan	NPN	A/C 2335		X	included	as	weighed
Custom Colour Paint Scheme	NPN	A/C 2335		X	included	as	weighed
DART Flightsteps, Long, High Gear, D350-591-213,214	SH967NE	A/C 2335		X	14.6	116.0	1693.6
Lonseal Loncoin II # 150 Onyx Flooring	NPN	A/C 2335		X	15.0	47.5	712.5
Soft Ni-Cad Battery	1606-1	T05293		X	39.6	151.2	5987.5
Precision Pulse Light 3060S	3060S	LSS02546		X	0.8	91.0	68.3

## EQUIPMENT LIST- AS AMENDED

*Vertical Bar Indicates Changes*

EQUIPMENT - RSG AIR CONDITIONER KIT	P/N / DATA <i>if applicable</i>	Serial No. <i>if applicable</i>	Out	In	Weight (lbs)	Longitudinal	
						Arm"	Moment
Forward Evaporator Assembly	350-00-031-HP	A/C 2335		X	10.0	19.00	190.00
Forward Air Outlets	350-00-031-HP	A/C 2335		X	4.0	31.32	125.28
Aft Evaporator and Return Air	350-00-031-HP	A/C 2335		X	9.0	120.00	1080.00
Aft Evaporator Blower	350-00-031-HP	A/C 2335		X	6.0	120.85	725.10
Condenser Assembly & Mount with Dual Blowers	350-00-031-HP	A/C 2335		X	28.2	201.80	5890.76
Compressor and Mount	350-00-031-HP	A/C 2335		X	15.0	147.80	2217.00
Electrical Relay Panes	350-00-031-HP	A/C 2335		X	4.0	153.70	614.80
Refrigerant, Hoses and Fittings	350-00-031-HP	A/C 2335		X	9.0	76.90	692.10

ASACS. 40102

**EQUIPMENT LIST- AS AMENDED**

**EQUIPMENT:  
AVIONICS & INSTRUMENTS**

Vertical Bar Indicates Changes |

Lumatech Caution Warning Panel	P/N / DATA <i>if applicable</i>	Serial No. <i>if applicable</i>	Out	In	Weight (lbs)	Longitudinal	
						Arm"	Moment
Thales T4 Indicator	LT-4000-001	23		X	1.2	36.5	43.8
Thales Cluster Gauge	5626-525-0	1511		X	0.5	36.5	18.3
ECET Torque Indicator	601285-01	1139		X	1.2	36.5	43.8
Thales NR Gauge	3057-3-136-6	118		X	0.5	36.5	18.3
Thales Airspeed Indicator	42960	173		X	1.5	36.5	54.8
Thales Tach Gauge	38399-490-02	3989		X	1	36.5	36.5
Bendix King KI227 Directional Compass	64530-068-4	2990		X	1.6	36.5	58.4
Bendix King KN53 Nav Receiver	066-3063-00	29486		X	1.2	36.5	43.8
Bendix King KY196A Comm 1	066-1067-01	55359		X	2.8	36.5	102.2
Bendix King KY196A Comm 2	064-1054-30	4877		X	2.8	36.5	102.2
Bendix King KI203 VOR/LOC Indicator	064-1054-30	22839		X	2.8	48.0	134.4
Bendix King KR87 ADF Receiver	066-3034-00	18922		X	1.6	36.5	58.4
Bendix King KN63 DME	066-1072-00	39842		X	3.2	36.5	116.8
Bendix King KDI572 DME Indicator	066-1070-01	UNK		X	2.8	353.0	988.4
Bendix King KT76C Transponder	066-1069-00	11344		X	0.7	36.5	25.6
Sandia Blind Encoder	066-01156-0101	5258		X	3.1	50.0	155.0
Turbomeca Tach Box	305154-00	11820		X	1.4	63.0	88.2
Skywatch TRC496 TAS System	177555260	1598B		X	1.3	163.0	211.9
Skywatch WX1000 TAS Stormscope	805-10800-001	SKY06001762		X	8.9	120.9	1080.4
PSI Attitude Gyro	78-8060-5900-8	JDS06803961		X	2.3	36.5	83.2
Thomson CSF Indicators Fuel Qty Gauge	5040033929	2795A		X	1.5	36.5	54.8
PS Engineering Audio Selector Panel	1-1223-03	1874		X	0.2	36.5	7.3
United Instruments Vertical Airspeed Indicator	PMA6000C	Z08194-P06179		X	2.1	46.0	96.6
BF Goodrich Directional Gyro	7030	30627		X	0.7	36.5	25.6
Davtron Digital Clock with OAT	5050031910	20520L		X	1.3	36.5	47.5
Honeywell Hobbs Hour Meter	M803	NSN		X	0.4	36.5	14.6
PSI Altimeter	85326	NSN		X	0.3	31.0	9.3
	LE-50-1B	1599		X	0.9	36.5	32.9

**EQUIPMENT LIST- AS AMENDED**

**EQUIPMENT:  
MISCELLANEOUS**

Vertical Bar Indicates Changes |

	P/N / DATA <i>if applicable</i>	Serial No. <i>if applicable</i>	Out	In	Weight (lbs)	Longitudinal	
						Arm"	Moment
Dual Controls	AHCA	A/C 2335	X		5.1	59.0	300.9
Flight Manual, FAA AS350BA	FAA AS350BA F/M	A/C 2335		X	3.5	57.0	199.5
Fire Extinguisher, Halon H1-10	704A32-8100-08	1052199		X	4.2	73.0	308.8
David Clark Headset Pilot FWD	H10-36	A/C 2335		X	1.0	65.0	65.0
David Clark Headsets AFT	H10-36	A/C 2335	X		1.0	106.0	106.0
	<b>END</b>						